

Notice of Allowability

Application No.

09/943,214

Applicant(s)

DOWLING, ERIC MORGAN

Examiner

Bharat N Barot

Art Unit

2155

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to application filed on 08/30/2001.
2. ☒ The allowed claim(s) is/are 1-26.
3. ☐ The drawings filed on _____ are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some* c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
6. ☒ CORRECTED DRAWINGS (as "replacement sheets") must be submitted. *substitute*
- (a) ☒ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☒ hereto or 2) ☐ to Paper No./Mail Date _____.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892) * *substitute*
2. ☒ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date _____
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____

Bharat Barot
BHARAT BAROT
PRIMARY EXAMINER

(571) 272-3979

11/12/2004

EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

2. Authorization for this examiner's amendment was given in a telephone interview with Eric M. Dowling (Reg. No. 44,094) on November 10, 2004.

3. The application has been amended as follows:

(A) In the Specification

(a) Page 1 line 5 **--09/935,116--** has been replaced with "having attorney docket number EMD NWP.001" and **--, still pending--** has been inserted after "8/22/01".

(b) Page 1 line 16 **--09/935,116--** has been replaced with "having attorney docket number EMD NWP.001" and **--, still pending--** has been inserted after "8/22/01".

(B) In the Claims

- (a) Claim 1 line 9 “may” has been deleted and line 13 **--unit--** has been inserted after “mobile”.
- (b) Claim 6 line 2 **--wherein--** has been replaced with “whereby”.
- (c) Claim 7 lines 9 and 12 **--wherein--** has been replaced with “whereby”.
- (d) Claims 9-10 line 2 **--wherein--** has been replaced with “whereby”.
- (e) Claim 11 line 9 **--wherein--** has been replaced with “whereby”.
- (f) Claims 16-17 line 2 **--wherein--** has been replaced with “whereby”.
- (g) Claim 18 line 6 **--wherein--** has been replaced with “whereby”.
- (h) Claims 20-26 line 1 **--wherein--** has been replaced with “whereby”.

REASONS FOR ALLOWANCE

4. The following is an Examiner’s Statement of Reasons for Allowance:

Claims 1-26 are allowable over the prior art of record.

The examiner has found that the prior art of record does not teach or suggest or render obvious

a negotiated wireless peripheral device comprising: a short-range wireless transceiver operative to support a position dependent ecommerce session with a mobile unit; a negotiation module operative to engage in a handshaking sequence with the mobile unit to establish the position-dependent ecommerce session; a WAN gateway module operative to couple a traffic stream generated in the mobile unit, so that the mobile unit maintain an end-to-end secure connection through the negotiated wireless peripheral device with a remote server coupled to the WAN; a peripheral augmentation system operative to redirect one or more I/o streams to/from the mobile unit to a set of one or more peripheral devices that support a non-area constrained user interface to the user of the mobile unit; and one or more protected memory segments that are provided for exclusive use by one or more I/O processes that support the non-area constrained user interface at set forth in the independent claim 1,

a mobile unit comprising: a set of peripherals that in total support an area constrained user interface and a non-area constrained user interface; and a display projector that projects a non-area constrained user interface display onto a display surface; wherein the set of peripherals includes a pointing and selection device capable of controlling a cursor image on the projected non-area constrained user interface and making selections based on interactive portions of the projected non-area constrained user interface at set forth in the independent claim 18,

a mobile unit that communicates with a negotiated wireless peripheral device, comprising: establishing via a wireless local area network air interface a position dependent ecommerce session with the negotiated wireless peripheral device; redirecting at least one input-output stream to the at least one peripheral supplied by the negotiated wireless peripheral device in order to allow an application program to deliver content using a non-area constrained user interface/redirecting a client server packet stream via the WLAN and through the WAN to support an end-to-end secure session between the mobile unit and a selected remote server, wherein the mobile unit performs cipher processing using at least one security parameter from an end-to-end security association between the mobile unit and the selected remote server; and supplying a client-side and non-area constrained user interface to the user to allow the user to interact with the remote server using the at least one peripheral at set forth in the specification and recited in the independent claims 5, 7, and 11.

5. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Drawings

6. This application has been filed with informal drawings, which are acceptable for examination purposes only. In order to avoid abandonment of this application the formal drawings are required in reply to the Office action.

7. As allowable subject matter has been indicated, applicant's reply must either comply with all formal requirements or specifically traverse each requirement not complied with. See 37 CFR 1.111(b) and MPEP § 707.07(a).

Contact Information

8. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Bharat Barot whose telephone number is (571) 272-3979. The examiner can normally be reached on Monday-Friday from 9:30 AM to 6:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Alam, Hosain, can be reached at (571) 272-3978.

Any inquiry of general nature or relating to the status of this application should be directed to the group receptionist whose telephone number is (703) 305-3900.

Patent Examiner Bharat Barot

Art Unit 2155

November 12, 2004


BHARAT BAROT
PRIMARY EXAMINER

Attachment 09/943,214

The drawings submitted with this application were declared informal by the applicant.

Accordingly, they have not been reviewed by a draftsperson at this time. When formal drawings are submitted, the draftsperson will perform a review.

Direct any inquiries concerning drawing review to the Drawing Review Branch (703) 305-8404.